Application Serial No.: 10/566,702

Inventor(s): Latz et al.

Attorney Docket No.: 2901653-000003

AMENDMENTS TO THE CLAIMS

Claim 1. (Currently Amended) A multi layered [[,]] sliding electrical contact part comprising a base containing carbon, copper, zinc and iron, wherein the contact part comprises at least one layer composed of a first material with a low electrical resistivity and at least one layer composed of a second material with a higher electrical resistivity, the first material containing zinc and iron based particles of a size less than 500 µm, and wherein the iron based particles comprise between 1 and 15 weight-% of the contact part.

Claim 2. (Currently Amended) The contact part of claim 1, wherein the base containing carbon represents at least 20 weight-% of the contact part.

Claim 3. (Currently Amended) The contact part of claim 1, wherein the base containing carbon represents at least 60 weight-% of the contact part.

Claim 4. (Cancelled)

Claim 5. (Currently Amended) The contact part of claim 1, wherein the iron based particles comprise said part contains between 3 and 10 weight-% of the contact part iron based particles.

Claim 6. (Previously Presented) The contact part of claim 1, wherein the iron based particles are of a size of between 50 gm and 200 gm.

Claim 7. (Previously Presented) The contact part of claim 1, wherein the iron based particles comprise more than 80% of the weight in iron.

Claim 8. (Previously Presented) The contact part of claim 1, wherein said part comprises between 0.5 and 20 weight-% of zinc.

Claim 9. (Previously Presented) The contact part of claim 1, wherein said part comprises between 1 and 10 weight-% of zinc.

Claim 10. (Previously Presented) The contact part of claim 1, wherein said part further comprises at least one lubricant.

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Claim 11. (Previously Presented) The contact part of claim 1, wherein said part further comprises at least one polishing product.

Claim 12. (Previously Presented) The contact part of claim 11, wherein the polishing product is selected from the group consisting of carbides and cokes.

Claim 13. (Cancelled)

Claim 14. (Previously Presented) The electrical brush of claim 18, wherein said brush is an electrical motor brush or an automobile starter motor brush.

Claim 15. (Previously Presented) An automobile starter motor, comprising the electrical brush of claim 18.

Claim 16. (Previously Presented) An electrical motor comprising the electrical brush of claim 18.

Claim 17. (Withdrawn) A sliding electrical contact part comprising only one layer of material, wherein the layer of material has a low electrical resistivity and comprises carbon, copper, zinc and iron particles of a size less than $500 \mu m$.

Claim 18. (Previously Presented) An electrical brush comprising the contact part of claim 1.

Claim 19. (Withdrawn) An electrical brush comprising the contact part of claim 17.

Claim 20. (Withdrawn) The electrical brush of claim 19, wherein said brush is an electrical motor brush or an automobile starter motor brush.

Claim 21. (Withdrawn) An automobile starter motor, comprising the electrical brush of claim 19.

Claim 22. (Withdrawn) An electrical motor comprising the electrical brush of claim 19.

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